



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

JPW 2632
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CC

Application: 09/783,843) Examiner: Minh Dinh
First Inventor: Reed et al.) Art 2632
Filing date: February 15, 2001)
Attorney Docket: FSP0053, AWS 742.US)
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)
Title: DETECTING A LOSS OF KEY STREAM SYNCHRONIZATION IN A COMMUNICATION SYSTEM)
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AMENDMENT AND RESPONSE TO OFFICE ACTION

IN THE SPECIFICATION

Please delete the paragraph at page 13, line 21 that reads
"WE CLAIM".

Please insert the following paragraph at page 14, top of the page.
"WE CLAIM".

IN THE CLAIMS

Please cancel claims 1-28, without prejudice.

Please add the following claims:

29. (New) A method comprising:

decrypting, at a security sub-network layer, an encrypted data packet to produce a
decrypted data packet;

calculating a calculated checksum for the decrypted data packet;

comparing a checksum extracted from the decrypted data packet with the calculated
checksum; and

detecting a loss of stream cipher synchronization if the calculated checksum does not
match the checksum extracted from the decrypted data packet.